

Instructional Segment	Amazingly Adaptive	Improving Impacts	Shark-centric Food
<p><b>Grades 3-5 Program Synopsis</b></p>	<p>Animals are amazing because each species has physically and behaviorally changed to best fit into the environment that they live in. How exactly have animals adapted over time in order to survive in their ecosystem? Why can puffins fly, but penguins can't? What exactly makes our alligators all white and how does it impact them in the wild? Students will observe different kinds of physical, behavioral adaptations animals have developed to survive.</p>	<p>How is human impact both a positive and negative force for the planet and what are specific examples of it? Students will uncover how humans have impacted the planet from microorganisms to alligators for both good and bad. By the end of the program, students will be left with methods on how to not only appropriately dispose of their waste, but how to minimize the amount of waste as well.</p>	<p>Sharks are amazing creatures that play a vital role in the ocean ecosystem. Throughout time sharks have been given a bad reputation for being man-eaters due to the misconception of attacks on humans. This misleading information has made shark populations drop dramatically over the years from illegal hunting and by-catching from humans. By the end of this program, students will be able to understand how sharks are imperative to the ocean's ecosystem and what ways we can help protect them.</p>
<p><b>Key Terminology</b></p>	<ul style="list-style-type: none"> <li>• Adaptation</li> <li>• Camouflage</li> <li>• Hibernation</li> <li>• Gravity</li> <li>• Instinct</li> <li>• Learned Behavior</li> <li>• Microorganism</li> </ul>	<ul style="list-style-type: none"> <li>• Pollution</li> <li>• Decomposition</li> <li>• Recycle</li> <li>• Conservation</li> <li>• Preservation</li> <li>• Sustainable</li> </ul>	<ul style="list-style-type: none"> <li>• Producer</li> <li>• Omnivore</li> <li>• Consumer</li> <li>• Carnivore</li> <li>• Apex Predator</li> <li>• Predator</li> <li>• Prey</li> <li>• Food web</li> </ul>
<p><b>Georgia Standards of Excellence</b></p>	<p>S3L1b. S4P3b. S5L2a. S5L4a.</p>	<p>S3L2a. S4L1c. S5L4a.</p>	<p>S3E2. S4L1. S5E1.</p>
<p><b>Next Generation Science Standards</b></p>	<p>3-LS4-3.</p>	<p>5-ESS3-1.</p>	<p>5-LS2-1.</p>

